

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/607,918  
Source: IFW/b  
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IFW16

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/607,918

DATE: 10/03/2006  
TIME: 10:17:06

Input Set : E:\OMRF050.APP.txt  
Output Set: N:\CRF4\10032006\J607918.raw

3 <110> APPLICANT: HARLEY, JOHN B.  
 4 JAMES, JUDITH A.  
 6 <120> TITLE OF INVENTION: DIAGNOSTICS AND THERAPY OF EPSTEIN-BARR VIRUS IN  
 7 AUTOIMMUNE DISORDERS  
 9 <130> FILE REFERENCE: OMRF:050USD2  
 11 <140> CURRENT APPLICATION NUMBER: 10/607,918  
 12 <141> CURRENT FILING DATE: 2003-06-27  
 14 <150> PRIOR APPLICATION NUMBER: 10/012,756  
 15 <151> PRIOR FILING DATE: 2001-10-24  
 17 <150> PRIOR APPLICATION NUMBER: 08/781,296  
 18 <151> PRIOR FILING DATE: 1997-01-13  
 20 <150> PRIOR APPLICATION NUMBER: 60/019,053  
 21 <151> PRIOR FILING DATE: 1996-05-16  
 23 <160> NUMBER OF SEQ ID NOS: 38  
 25 <170> SOFTWARE: PatentIn Ver. 2.1  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 7  
 29 <212> TYPE: PRT  
 30 <213> ORGANISM: Epstein Barr Virus  
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 34 1 5  
 37 <210> SEQ ID NO: 2  
 38 <211> LENGTH: 8  
 39 <212> TYPE: PRT  
 40 <213> ORGANISM: Epstein Barr Virus  
 42 <400> SEQUENCE: 2  
 43 Gly Arg Gly Arg Gly Arg Gly Gly  
 44 1 5  
 47 <210> SEQ ID NO: 3  
 48 <211> LENGTH: 7  
 49 <212> TYPE: PRT  
 50 <213> ORGANISM: Epstein Barr Virus  
 52 <400> SEQUENCE: 3  
 53 Arg Gly Arg Gly Arg Glu Lys  
 54 1 5  
 57 <210> SEQ ID NO: 4  
 58 <211> LENGTH: 8  
 59 <212> TYPE: PRT  
 60 <213> ORGANISM: Epstein Barr Virus  
 62 <400> SEQUENCE: 4  
 63 Pro Pro Pro Gly Met Arg Pro Pro  
 64 1 5

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74 1 5  
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79 <212> TYPE: PRT  
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84 1 5  
87 <210> SEQ ID NO: 7  
88 <211> LENGTH: 24  
89 <212> TYPE: PRT  
90 <213> ORGANISM: Epstein Barr Virus  
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93 Gly Ala  
94 1 5 10 15  
96 Gly Ala Gly Ala Gly Ala Gly Ala  
97 20  
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101 <211> LENGTH: 8  
102 <212> TYPE: PRT  
103 <213> ORGANISM: Epstein Barr Virus  
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106 Pro Pro Pro Gly Met Arg Gly Pro  
107 1 5  
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111 <211> LENGTH: 26  
112 <212> TYPE: PRT  
113 <213> ORGANISM: Epstein Barr Virus  
115 <400> SEQUENCE: 9  
116 Gly Arg  
117 1 5 10 15  
119 Gly Arg Gly Arg Gly Gly Pro Arg Arg Arg  
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124 <211> LENGTH: 18  
125 <212> TYPE: DNA  
126 <213> ORGANISM: Epstein Barr Virus  
128 <400> SEQUENCE: 10  
129 ccagaggtaa gtggactt 18  
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133 <211> LENGTH: 18  
134 <212> TYPE: DNA  
135 <213> ORGANISM: Epstein Barr Virus

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137 <400> SEQUENCE: 11  
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151 <211> LENGTH: 26  
152 <212> TYPE: PRT  
153 <213> ORGANISM: Epstein Barr Virus  
155 <400> SEQUENCE: 13  
156 Gly Pro Gln Arg Arg Gly Gly Asp Asn His Gly Arg Gly Arg Gly Arg  
157 1 5 10 15  
159 Gly Arg Gly Arg Gly Gly Arg Pro Gly  
160 20 25  
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166 <213> ORGANISM: Epstein Barr Virus  
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172 Gln Lys Arg Pro  
173 20  
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182 Arg Pro Gln Lys Arg Pro Ser Cys  
183 1 5  
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192 Gln Lys Arg Pro Ser Cys Ile Gly Cys Lys Gly Thr His Gly Gly Thr  
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200 <211> LENGTH: 13  
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202 <213> ORGANISM: Epstein Barr Virus  
204 <400> SEQUENCE: 17  
205 Gly Thr Gly Ala Gly Ala Gly Ala Arg Gly Arg Gly Gly  
206 1 5 10  
209 <210> SEQ ID NO: 18

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210 <211> LENGTH: 8  
211 <212> TYPE: PRT  
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220 <211> LENGTH: 12  
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224 <400> SEQUENCE: 19  
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231 <212> TYPE: PRT  
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241 <212> TYPE: PRT  
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244 <400> SEQUENCE: 21  
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249 <210> SEQ ID NO: 22  
250 <211> LENGTH: 25  
251 <212> TYPE: PRT  
252 <213> ORGANISM: Epstein Barr Virus  
254 <400> SEQUENCE: 22  
255 Arg Pro Pro Pro Gly Arg Arg Pro Phe Phe His Pro Val Gly Glu Ala  
256 1 5 10 15  
258 Asp Tyr Phe Glu Tyr His Gln Glu Gly  
259 20 25  
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263 <211> LENGTH: 8  
264 <212> TYPE: PRT  
265 <213> ORGANISM: Epstein Barr Virus  
267 <400> SEQUENCE: 23  
268 Pro Asp Val Pro Pro Gly Ala Ile  
269 1 5  
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273 <211> LENGTH: 9  
274 <212> TYPE: PRT  
275 <213> ORGANISM: Epstein Barr Virus  
277 <400> SEQUENCE: 24  
278 Pro Gly Ala Ile Glu Gln Gly Pro Ala

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Input Set : E:\OMRF050.APP.txt  
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284 <212> TYPE: PRT  
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287 <400> SEQUENCE: 25  
288 Gly Pro Ser Thr Gly Pro Arg Gly  
289 1 5  
292 <210> SEQ ID NO: 26  
293 <211> LENGTH: 9  
294 <212> TYPE: PRT  
295 <213> ORGANISM: Epstein Barr Virus  
297 <400> SEQUENCE: 26  
298 Gly Gln Gly Asp Gly Gly Arg Arg Lys  
299 1 5  
302 <210> SEQ ID NO: 27  
303 <211> LENGTH: 15  
304 <212> TYPE: PRT  
305 <213> ORGANISM: Epstein Barr Virus  
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308 Asp Gly Gly Arg Arg Lys Lys Gly Gly Trp Phe Gly Lys His Arg  
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312 <210> SEQ ID NO: 28  
313 <211> LENGTH: 10  
314 <212> TYPE: PRT  
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319 1 5 10  
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323 <211> LENGTH: 8  
324 <212> TYPE: PRT  
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327 <400> SEQUENCE: 29  
328 Gly Gln Gly Gly Ser Asn Pro Lys  
329 1 5  
332 <210> SEQ ID NO: 30  
333 <211> LENGTH: 8  
334 <212> TYPE: PRT  
335 <213> ORGANISM: Epstein Barr Virus  
337 <400> SEQUENCE: 30  
338 Asn Pro Lys Phe Glu Asn Ile Ala  
339 1 5  
342 <210> SEQ ID NO: 31  
343 <211> LENGTH: 8  
344 <212> TYPE: PRT  
345 <213> ORGANISM: Epstein Barr Virus  
347 <400> SEQUENCE: 31  
348 Arg Ser His Val Glu Arg Thr Thr

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/607,918

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Input Set : E:\OMRF050.APP.txt

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